

Appl. No. 10/735,296  
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**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-6 (canceled)

Claim 7 (new) A Bio Chemical Beeper – alarm system, comprising: The interface means for monitoring the environment and providing a sensor reading identifying agent. An alarm mode controller for operating said communication terminal identifying the substance, radiation or any foreign chemical to the human body, that is detected and color/data/alpha or numeric/video/midi/audio coded. Using a transceiver/receiver/satellite any conductor or condenser or microchips, chips.

Claim 8 (new) A system as claimed in Claim 7, further comprising an automatic power turn-on unit for permanently powering said means for monitoring.

Claim 9 (new) A system as claimed in claim 7, further comprising a power on/off interface with beeper turning the power to said system 'on' for operating said alarm mode controller in a sleep power mode whenever said on/off switch is off.

Claim 10 (new) A system as claimed in claim 7, wherein said alarm mode controller comprises:

- a memory for storing a threshold for indicating a hazardous environmental agent;

- a comparator unit for receiving and transmitting said sensor sequence operations reading signal from said means for analysis/monitoring of said threshold from said memory and providing an alarm signal and identification and antidote of hazardous environmental agent, locator and code identification , whenever said threshold from said memory is violated; and

- an alarm driver for receiving and transmitting said alarm signal and initiating an alarm mode of operation sequences.

Claim 11 (new) A system as claimed in claim 10, further comprising an alarm for alarming and transmitting sensor signal said threshold violation.

Claim 12 (new) A system as claimed in claim 11, wherein said alarm is one of an audio, video, alpha, numeric and/or mechanical alarm.

Claim 13 (new) A system as claimed in claim 10, wherein said communication terminal /alarm driver triggers transmission of an audio, video, video projection, alpha/numeric and or mechanical signal by establishing an automatic connection over said network, using said communication terminal with or without receipt of said alarm signal.

Claim 14 (new) A system as claimed in claim 7, wherein said means for monitoring is one of a chemical agent detector, a radiation detector, biochemical agent, biological agent and/or hazardous environmental agent.

Claim 15 (new) A system as claimed in claim 7, wherein said means for monitoring comprises a plurality of detectors/chips, each for monitoring presence of a specific or combination of environmental agents.

Claim 16 (new) A system as claimed in claim 7, wherein said means for monitoring is a biosensor and/or a sensor, nan sensor/nanosensor array.

Claim 17 (new) A system as claimed in claim 7, wherein said means for monitoring is a digital sensor, analog sensor, alpha/numeric sensor, color coded sensor or any newly developed sensors.

Claim 18 (new) A system as claimed in claim 13 wherein said communication terminal comprises a communication function control unit for generating said signal, and encoding said signal into an outgoing message using a communication protocol, and a transmitter for sending said message over said communication network to a specified location.

Claim 19 (new) A system as claimed in claim 18, wherein said communication terminal includes a receiver for enabling reception of incoming messages over said network.

Claim 20 (new) A system as claimed in claim 18, wherein said communication terminal further comprise a keypad/keyboard for enabling transmission of alphanumeric, audio and/or video messages over said network and a display for enabling reception/transmission of visual/optical messages over said network.

Claim 21 (new) A system as claimed in claim 7, wherein said communication device is one of a cellular telephone, beeper, land telephone, cordless telephone, pager, fax machine, laptop and/or portable transceiver and/or any newly developed communication device.

Claim 22 (new) A system as claimed in claim 7, wherein said communication device is one of a personal digital assistant, a laptop and a desktop computer equipped with a communication function control unit for generating a distress signal, and encoding said distress signal into an outgoing message using a communication protocol, and a transmitter for sending and receiving said message over said communication network to a specified location.

Claim 23 (new) A system as claimed in claim 7, wherein said means for monitoring comprises a plurality of sensors (Sn) and a multiplexed for extending the input/output capabilities while using a single or multiple input of said alarm mode operations controller.

Claim 24 (new) A method of alarming presence of a hazardous agent, comprising: equipping a communication terminal with means for monitoring the environment for generating a sensor reading indicative of the components of an hazardous agent; and further equipping said communication terminal with an alarm operation sequence mode controller for continuously comparing said sensor reading within a threshold, detecting a threshold violation and initiating an alarm mode protocol.

Claim 25 (new) A method as claimed in claim 24, wherein said alarm mode protocol performs the steps of:  
turning 'on' said communication terminal if turned 'off';  
interrupting normal operation mode of said communication terminal if performing a normal communication routine.  
transmitting and receiving a distress notification signal by establishing an automatic connection over said network using said communication terminal; and  
providing an alarm operation sequence to indicate said threshold violation.

Claim 26 (new) A method as claimed in claim 25, wherein said distress signal includes an identification of said communication terminal and an information on the present location of said communication terminal.

Claim 27 (new) A method as claimed in claim 26, further comprising indicating the gravity of said threshold violation.

Claim 28 (new) A method as claimed in claim 25, wherein said means for monitoring are permanently powered, while said alarm operation sequence mode controller operates in a sleep power mode whenever said communication terminal is turned off.

Claim 29 (new) A method as claimed in claim 25, further comprising receiving and transmitting instructions over said communication network regarding immediate protective measures for minimizing the effects of said hazardous agent.

Claim 30 (new) A method for alarming presence of a hazardous agent, comprising;

equipping a communication terminal with means for detecting an hazardous environmental agent; and

~~further equipping said communication terminal with and alarm operations~~  
sequence mode controller for initiating an alarm operations sequence mode protocol in response of a hazardous agent.

Claim 31 (new) A method as claimed in claim 30, further comprising;

equipping said means for detecting with a plurality of detectors and/or censored chips, sensors specialized for identifying the components of hazardous agent and alarming presence of a plurality of respective environmental agents;

reading sequentially said detectors, censored chips, sensors components to detect any dangerous said environmental agent.